Under the Paperwork Reduction Act of 1995, no persons are requ	uired to re				S. DEPARTMENT OF COMMERC displays a valid OMB control number			
		ey Docket No.	65632-0165					
UTILITY	First Ir	Lysaght e	aght et al					
PATENT APPLICATION	AUTOMATED TELEPHONE LINE TEST							
TRANSMITTAL	Title APPARATUS WITH INTELLIGENT DIAGNOS							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	FUNCTION ss Mail Label No.						
			MS Pate					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con	ntents.	ADDRESS T	O: Commiss	ionei 1450	for Patents			
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)			M or CD-R in dup er Program <i>(App</i>					
Applicant claims small entity status.					ence Submission			
See 37 CFR 1.27.		(if applicable	, all necessary)	4	205			
3. X Specification [Total Pages 26	·		uter Readable F	,	•			
(preferred arrangement set forth below) - Descriptive title of the invention - Descriptive title of the invention								
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D i. CD-ROM or CD-R (2 copies); or ii. Paper								
 Reference to sequence listing, a table, or a computer program listing appendix 					of above copies			
 Background of the Invention Brief Summary of the Invention 					ICATION PARTS			
 Brief Description of the Drawings (if filed) Detailed Description 		9. Assignm	ent Papers (cov	er she	et & document(s))			
- Claim(s) - Abstract of the Disclosure			3.73(b) Stateme nere is an assign		X Power of Attorney			
Drawing(s) (35 U.S.C. 113) [Total Sheets 9) I	11. English	Translation Docu	ument	(if applicable)			
6. Oath or Declaration [Total Sheets 4	claration [Total Sheets 4] 12. X Information Disclosure Statement (IDS)/PTO-1449 Citations							
a. Newly executed (original or copy)								
b. X Copy from a prior application (37 CFR 1.63(d)) 14. X Return Receipt Postcard (MPEP 503)								
(Should be specifically itemized) Certified Copy of Priority Document(s)								
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	(if foreign priority is claimed)							
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. Applican	Applicant must attach form PTO/SB/35 or its equivalent.						
		17. Other:						
6. X Application Data Sheet. See 37 CFR 1.76								
8. If a CONTINUING APPLICATION, check appropriate box, a			nation below and	in the	first sentence of the			
specification following the title, or in an Application Data Sheet u		CFR 1.76: CIP) of prior applica	ation No :		00/490 094			
	Barnie	on) of prior applica			09/480,084 2643			
Prior application information: Examiner		re of the prior applica	Art Unit: ation, from which	an oa				
eference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application.								
		NDENCE ADDRE		Subiii	neu application parts.			
X Customer Number: 10291		OR	Corres	ponde	ence address below			
RADER, FISHMAN & GRAUER Joseph V. Coppola, Sr.	PLLC	<u> </u>						
39533 Woodward Avenue								
Suite 140								
City Bloomfield Hills State	e	, , , , , , , , , , , , , , , , , , , ,						
Country US Tele	phone	(248) 594-060	0	Fax	(248) 594-0610			
Name (Print/Type) Joseph V. Coppola, Sr.		Registration No	o. (Attorney/Age	nt)	33,373			

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223959309US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 2, 2003

Signature

Date

September 2, 2003

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CEE TO A MODULET A L					Complete if Known			
FEE TRANSMITTAL			cation	Numb	er Not Yet Assigned			
for FY 2003			Date		Concurrently Herewith			
			Name	d Inver	ntor Lysaght et al			
Effective 01/01/2003, Patent fees are subject to annual revision.		Examiner Name Not			Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27	Ī	Art Ur	nit		N/A			
TOTAL AMOUNT OF PAYMENT (\$) 750.00	-			cket No	o. 65632-0165 —			
		71110111	, , , , , , , , , , , , , , , , , , , 	_==				
METHOD OF PAYMENT (check all that apply) Check Credit Money Check All that apply)					ECALCULATION (continued)			
Check Card Order Other None	3. A	DDITIO	DNAL	FEES				
X Deposit Account:					•			
Deposit Account 18-0013	Large Fee	Entity	Smali Fee	Entity	-			
Account Number	Code	(\$)	Code	(\$)	Fee Description Fee Paid			
Deposit Account Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge – late filling fee or oath			
Name	1052	50	2052	25	Surcharge – late provisional filing fee or cover			
The Director is authorized to: (check all that apply)		00			sheet.			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification			
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after			
FEE CALCULATION	1251	110	2251	55	Examiner action Extension for reply within first month			
1. BASIC FILING FEE	1252	410	2252		Extension for reply within second month			
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month			
Fee Fee Fee Fee Fee Pee Pee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451 2452	1,510 55	Petition to institute a public use proceeding Petition to revive – unavoidable			
SUBTOTAL (1) (\$)750.00	1453	1,300	2453	650	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501		Utility issue fee (or reissue)			
Extra Fee from Clalms below Fee Paid	1502	470	2502		Design issue fee			
Total Claims 7 -20** = x = 0.00	1503	630	2503	315	Plant issue fee			
Independent 3 -3** = X = 0.00	1460	130	1460	130	Petitions to the Commissioner			
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection			
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	examined (37CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application			
and over original patent	Other fe	ee (spec	ify)					
SUBTOTAL (2) (\$) 0.00. *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00								
**or number previously paid, if greater; For Reissues, see above								
SUBMITTED BY	Registra	ation No	los	070	(Complete (if applicable))			
Name (Print/Type) Joseph V. Coppola, Sr.	Attome	y/Agent)	33,	373	Telephone (248) 594-0650			
Signature Trail Cample	_				Date September 2, 2003			
Fee Transmittal								
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV223959309US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.								

Dated: September 2, 2003

Signature: June (Joyce A. Krumpe)